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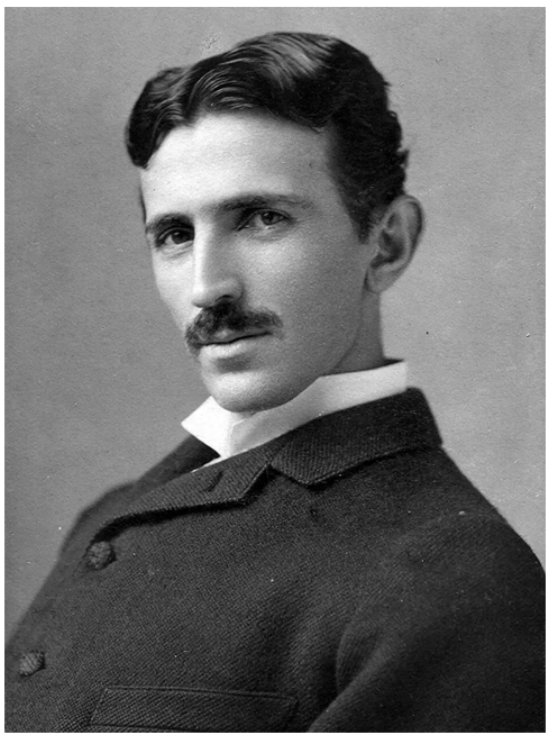
TEAM TESLA

TOPGUNS - 2020



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Credit Card User Stories

01. Login to NGOs, View all applications form

02. New customer CC Application, edit any submitted form

03. Delete a customer CC application

04. Save and retrieve ID proofs to document manager, perform and retrieve credit score

05. Retrieve initial offer based on credit score

06. E-mail to customer, confirm offer, inform sales user about approval

07. Pull an excel report, view all the applications a sales user is handling

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Liquidity User Stories

01. Provision to group accounts according to the instructions provided by the client

02. Provision to have an interest setup that defines interest rates for each account group

03. Interest calculation at the end of day balances and combining balances of all accounts in a group

04. Reports to display the daily results for all accounts

05. Provision to have tiered interest rates defined according to balance

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RM User Stories

01. Home Page for upcoming stories

02. Client Notifications by clicking on the count available in Calendar

03. See key fields of the upcoming activities on clicking on the CIF ID

04. See upcoming activities for next month in the Client Notification section

05. Upload the upcoming notifications

06. Download the summary of notifications

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Payments User Stories

01. Login to Corporate Channel Application with validated credentials

02. Creating of transaction using an entry screen with validations

03. Approval of transaction

04. Transaction Management(Print, Edit etc.) Journeys

05. Interface to Processing engine

06. Status update and visual display

07. Account Balancing & Reporting

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Team Tesla - Project Highlights

- Role based common login authentication
- Password encryption & decryption for login feature
- Captcha Implementation
- JUnit test cases & Exception handling
- Tomcat File Server
- Common folder structure, naming convention and layout for the entire project
- Ag Grid table across all projects.

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Credit Card - Project Highlights

- Password Encryption & Decryption
- Additional Super User and Checker User
- Customer Page
- Data Extraction using Java and Tesseract
- Dynamic generating of credit card offers based on CIBIL Score

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Liquidity - Project Highlights

- Mass account generation
- Report generation & Scheduled email for customers
- Automatic interest settlement of groups
- OTP two factor authentication
- Tiered interest based system for account setup

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RM - Project Highlights

- Financial widgets
- Chatbot - Pepper
- Apache POI for file uploading
- Performance review dashboard
- Client quick access & client search functionality
- Book appointments page

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Payments - Project Highlights

- Captcha implementation
- Quick pay feature
- Manage beneficiaries & manage users
- OTP authentication for approval of transactions & beneficiaries
- Interactive chart for region wise account
- Currency conversion for account balance calculation

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Technical Implementation

User Interface
React JS and Material UI Library
(167 Components)

REST APIs
Spring Boot
(GET: 72, POST: 21, PUT, 32, DELETE: 8)

Database
POSTGre SQL
(21 Tables, 147 SQL Queries)

User Stories
Jira
(371 Stories)

Source Control
BitBucket

Mail
Spring framework

Captcha
Google React Captcha

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THANK YOU!

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